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Ann-Ellice Parker
Ann-Ellice Parker

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: MUELLER et al.

Docket No.: SCHO0050

Serial No. 09/786,294

Art Unit: 2858

Filed: 10/19/2001

Examiner: Unknown

Title: METHOD AND APPARATUS FOR DETERMINING CHARACTERISTICS OF A
SAMPLE LIQUID INCLUDING A PLURALITY OF SUBSTANCES

AUGUST 26, 2004

TRANSMITTAL FORM

Commissioner of Patents
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Sir:

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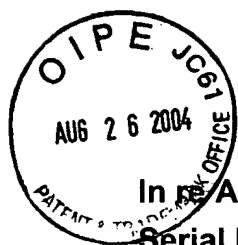
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- Information Disclosure Statement, (2pgs) 1449 form (2 pgs) cited references
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Respectfully submitted,

Michael A. Glenn
Michael A. Glenn
Reg. No. 30,176

Customer No. 22862



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mueller, et al.

Docket No.: SCHO0050

Serial No. : 09/786,294

Art Unit: 2858

Filed: October 19, 2001

Examiner: Unknown

Title: METHOD AND APPARATUS FOR DETERMINING CHARACTERISTICS OF A SAMPLE LIQUID INCLUDING A PLURALITY OF SUBSTANCES

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
August 26, 2004

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

() under 37 CFR 1.97(b), or

(within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97(c) together with either a:

() Certification under 37 CFR 1.97(e), or

(X) a \$220.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

() under 37 CFR 1.97(d) together with a:

() Certification under 37 CFR 1.97(e), and

() a \$220.00 fee under 37 CFR 1.17(d)(2)(ii), and

() a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1)

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

(X) The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 07-1445 (Order No. SCHO0050). A copy of this sheet is enclosed for accounting purposes.

(X) Applicant(s) submit herewith Form PTO 1449 -- Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.25.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 156(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

Respectfully Submitted,



Michael Glenn
Attorney For Applicant
Reg. No. 30,176

Customer No. 22862

Under the Paperwork Reduction

PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	09/786,294
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Filing Date	10/19/2001
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First Named Inventor	Mueller et al.
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Art Unit	2858
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Examiner Name	Unknown
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Attorney Docket Number	SCH00050
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

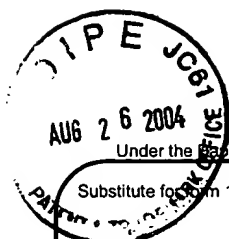
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Footnote ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
	B	FR 2 656 424 - A1	6/28/91	Buvet et al.		
	C	EP 0 463 796 A1	1/02/92	Kauffman, R.		
	D	WO 99/13325	3/18/99	Winquist et al.		

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PTO/SB/08B (02-03)

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Substitute form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 09/786,294

Filing Date 3/19/2001

First Named Inventor Mueller et al.

Art Unit 2858

Examiner Name Unknown

Attorney Docket Number SCHO0050

Sheet 2 of 2

OTHER PRIOR ART–NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	E	THOMAS, Q., DePALMA, R., PERONE, S.; "Application of Pattern Recognition Techniques to the Interpretation of Severely Overlapped Voltammetric Data: Studies with Experimental Data", <i>Analytical Chemistry</i> , Vol 49, No 9, August 1977	
	F	SCHACHTERLE, S., AND PERONE, S.; "Classification of Voltammetric Data by Computerized Pattern", Dept of Chemistry, Purdue University, Indiana, Sept. 1981	
	G	SROUF, O.; "Chemical Pattern Recognition", Research Studies Press Ltd., Letchworth, Hertsfordshire, England, 1986	
	H	NIEBLING, G., AIGNER, R., WABNER, D. MENZEL, R.; "Data Reduction for Curve Analysis", Elsevier Science, S.A. 1996	
	I	LEUNG, A., CHAU, F., GAO, J. "A review on applications of wavelet transform techniques in chemical analysis 1989-1997", <i>Chemometrics and intelligent Laboratory Systems</i> 43, 1998 165-184 Elsevier S.A	
	J	WINQUIST, F., LUNDSTROM, I., WISE, P.; "The Combination of an Electronic Tongue and an Electronic Nose", Dept. of Technology and Science, Univ. of Orebro, Sweden, The Swedish Sensor Center, Linkoping University, Sweden, Elsevier, S.A. 1999	
	K	WIDE, P., WINQUIST, F., BERGSTEN, P., PETRIU, E., "The Human Based Multisensor Fusion Method for Artificial Nose and Tongue Sensor Data", <i>IEEE Transactions on instrumentation and Measurement</i> , Vol 47, No.5, October 1998	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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